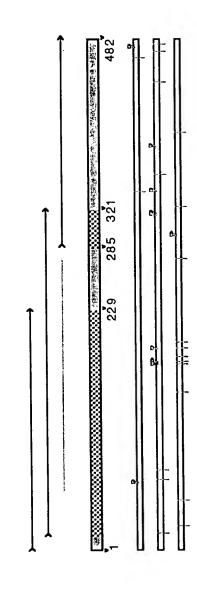
FIGURE 1

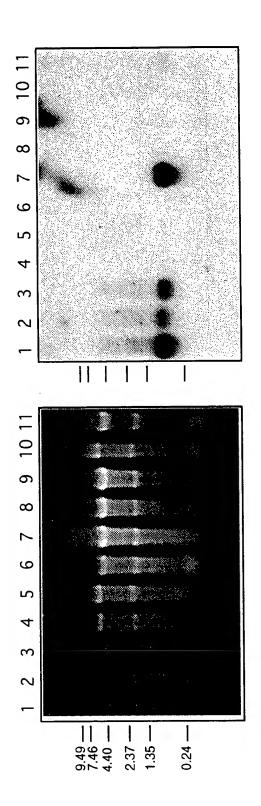
| >1662885 >893988 | CGGCTCGAGC | TCTTAGGCTT TAGGCTT | | TTGTNTGTGC TTGTCTGTGC | |
|---------------------|------------|-----------------------|------------|--------------------------|------------|
| Consensus | CGGCTCGAGC | TCTTAGGCTT | TGAAGCATTT | TTGTCTGTGC | TCCCTGATCT |
| >1662885 | TCATGTCACC | ACCATGAAGT | TCTTAGCAGT | CCTGGTACTC | TTGGGAGTTT |
| >893988 | TCAGGTCACC | ACCATGAAGT | TCTTAGCAGT | CCTGGTACTC | TTGGGAGTTT |
| Consensus | TCAKGTCACC | ACCATGAAGT | TCTTAGCAGT | CCTGGTACTC | TTGGGAGTTT |
| >1662885 | CCATCTNTCT | GGTCTCTGCC | CAGAATCCGA | CAACAGCTGC | TNCAGCTGAC |
| >893988 | CCATCTTTCT | GGTCTCTGCC | CAGAATCCGA | CAACAGCTGC | TCCAGCTGAC |
| Consensus | CCATCTTTCT | GGTCTCTGCC | CAGAATCCGA | CAACAGCTGC | TCCAGCTGAC |
| >1662885 | ACGNATCCAG | CTACTGGTCC | TGCTGATGAT | GAAGCCCCTG | ANGCTGAAAC |
| >893988 | | CTACTGGTCC | • | GAAGCCCCTG | |
| Consensus | ACGTATCCAG | CTACTGGTCC | TGCTGATGAT | GAAGCCCCTG | ATGCTGAAAC |
| >1662885 | CACTGCTGCT | GCNACCACTG | CGACCACTG | | |
| >893988 | CACTGCTGCT | GCAACCACTG | CGACCACTGC | TGCTCCTACC | ACTGCAACCA |
| Consensus | CACTGCTGCT | GCAACCACTG | CGACCACTGC | TGCTCCTACC | ACTGCAACCA |
| >893988 | CCGCTGCTTC | TACCACTGCT | CGTAAAGACA | TTCCAGTTTT | ACCCAAATGG |
| >1209814 | | | | | ACCCAAATGG |
| Consensus | CCGCTGCTTC | TACCACTGCT | CGTAAAGACA | TTCCAGTTTT | ACCCAAATGG |
| >893988 | GTTGGGGATC | TTCCGAATGG | T | | |
| >1209814 | GTTGGGGATC | TCCCGAATGG | TAGAGTGTGT | CCCTGAGATG | GAATCAGCTT |
| Consensus | GTTGGGGATC | TYCCGAATGG | TAGAGTGTGT | CCCTGAGATG | GAATCAGCTT |
| >1209814 | GAGTCTTCTG | CAATTGGTCA | CAACTATTCA | TGCTTCCTGT | GATTTCATCC |
| Consensus | GAGTCTTCTG | CAATTGGTCA | CAACTATTCA | TGCTTCCTGT | GATTTCATCC |
| >1209814 | AACTACTTAC | CTTGCCTACG | ATATCCCCTT | ТАТСТСТААТ | CAGTTTATTT |
| Consensus | AACTACTTAC | CTTGCCTACG | ATATCCCCTT | TATCTCTAAT | CAGTTTATTT |
| >1209814 | TCTTTCAAAT | ААААААТААС | TATGAGCAAC | AT | |
| Consensus | TCTTTCAAAT | AAAAAATAAC | TATGAGCAAC | AT | |

FIGURE 2



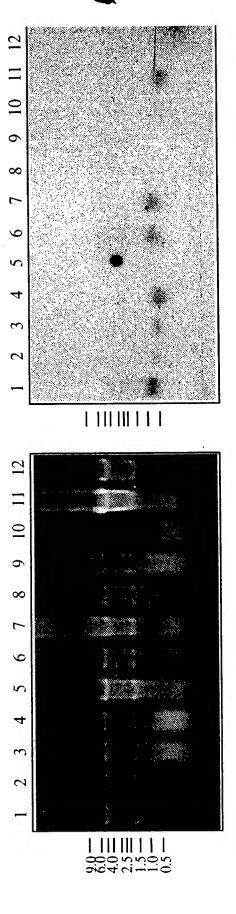
1662885 893988 1209814

Figure 3A



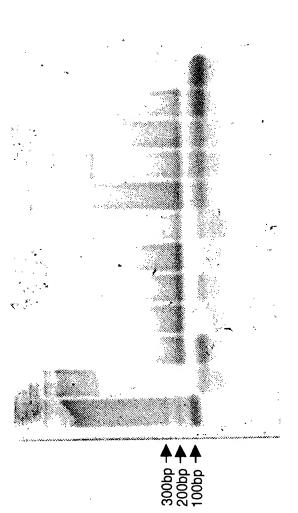
| Tissue | Normal Breast | Normal Breast | Normal Breast | Normal Prostate | Normal Prostate | Normal Prostate | Cancer Prostate | Cancer Prostate | Cancer Prostate | LnCap | McF7 |
|--------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------|------|
| Lane | _ | 2 | ဇ | 4 | 2 | 9 | 7 | æ | 6 | 9 | = |

FIGURE 3B



| Issue | Normal Breast | Cancer Breast | |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| <u>Lane</u> | | 2 | æ | 4 | S | 9 | 7 | ∞ | 6 | 10 | Ξ | 12 | |

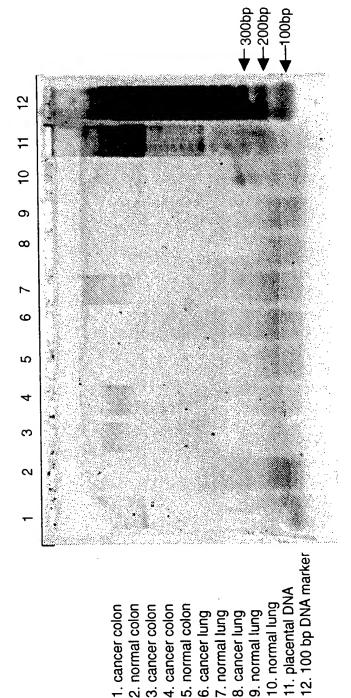
Figure 4A



1. 100bp DNA marker
 2. placental DNA
 3. normal breast
 4. normal breast
 5. normal breast
 6. normal breast
 7. normal breast
 8. cancer breast
 9. cancer breast

10. cancer breast11. cancer breast12. cancer breast





6. cancer lung
7. normal lung
8. cancer lung
9. normal lung

cancer colon
 cancer colon

5. normal colon

cancer colon
 normal colon